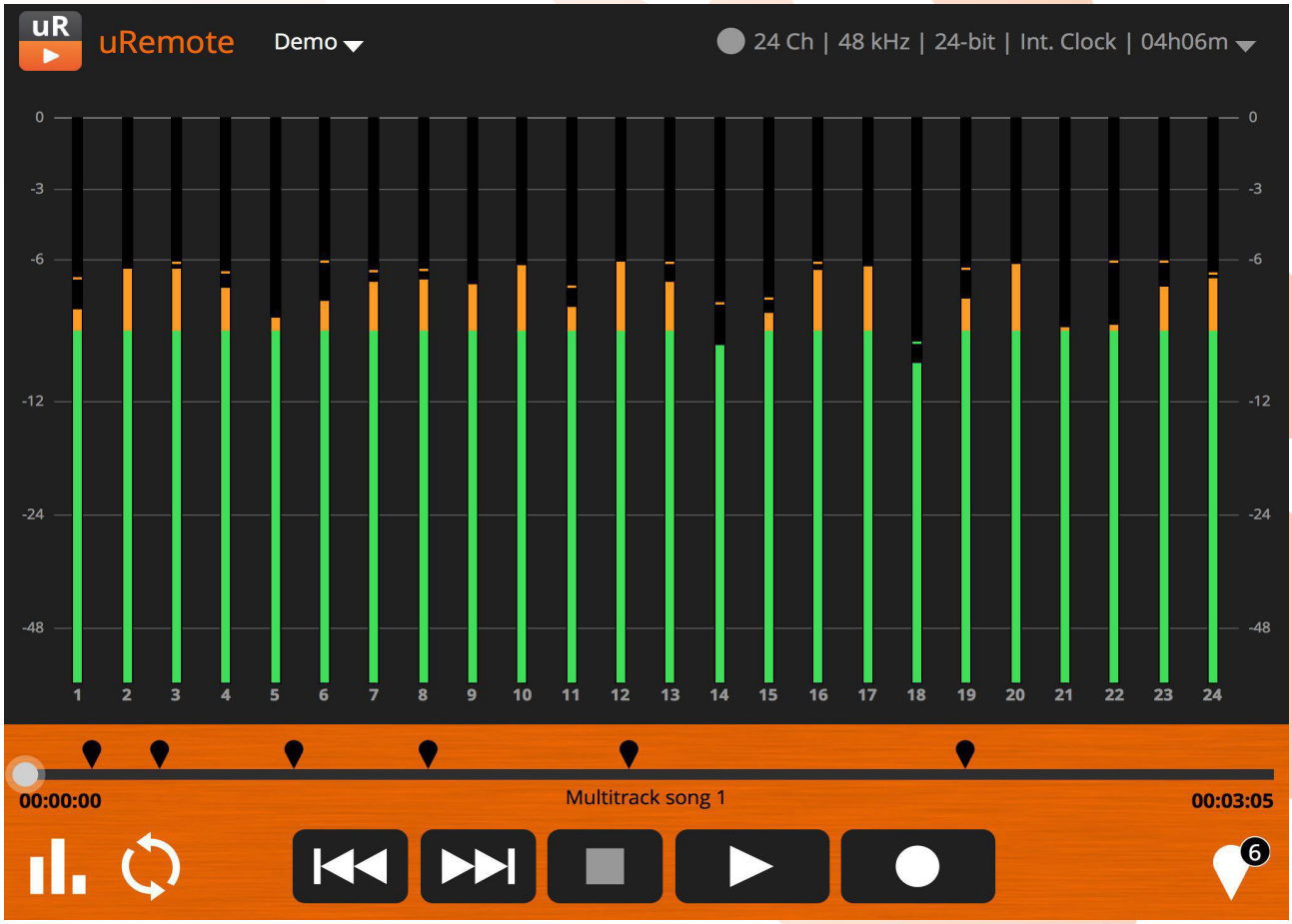
cymatic audio

uRemote



USER'S MANUAL

Version 1.1

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1 INTRODUCTION

uRemote is a standalone application that allows you to control and monitor your Cymatic Audio hardware remotely. uRemote is compatible with uTrack24 and uTrack-X32, and runs on different platforms, including iPhone, iPad, Android devices, OS X and Windows computers.

Features:

- A comprehensive “home screen” customized for recording and song playback.
- Dedicated screen controls for setting loop points, during playback
- Settings page allows easy access to all hardware settings “at a glance”
- File browser screen allows for quick and easy selection and loading of files for playback
- Dedicated popup window for displaying song markers with time information.

Features available on uTrack 24 Only:

- A metering page that displays recording and playback levels for all 24 channels.
- A mixer page for controlling uTrack24’s internal monitor mixer.

1.1 Operating Systems and Installation

uRemote is available for the following Operating Systems:

OS X

- Versions 10.9.5 and higher
- Download and install the OS X version of uRemote from http://www.cymaticaudio.com/downloads

  Note that since uRemote is a 3rd party application, you may need to:
  - Visit the preferences application on your OS X computer
  - Click on the “Security and Privacy” icon preferences pane
  - Click on the “General” tab
  - In the “Allow App downloaded from” section, click on “anywhere”Microsoft Windows

Microsoft Windows

- Windows 7 32-bit / 64-bit, Windows 8 / 8.1
- Download and install the Windows version of uRemote from http://www.cymaticaudio.com/downloads

iOS

- iOS version 7 and higher (iPhone & iPad)
- Search for “uRemote” on the app store

Android

- Android versions 4.2.2 and above
- Search for “uRemote” on the play store

1.2 How to Use this Manual Effectively

To work with uRemote, a certain level of knowledge of the uTrack24/uTrack-X32 device is assumed. Please read through uTrack24/uTrack-X32 users manual available at http://www.cymaticaudio.com/downloads

uRemote Desktop/Tablet/Phone Interface Conventions

uRemote is available as both a phone/tablet version and as a standard desktop computer application.

uRemote’s interface is similar between the tablet and desktop version, with the main difference being that whenever you see an instruction to “tap” a control in this manual, this means to “click” it if you are using the desktop version.

2 WHERE TO USE UREMOTE

2.1 Remote Placement of Hardware

In many situations, the uTrack 24/uTrack-X32 will be used to record a live concert, and will be physically placed in a crowded environment, making it difficult to work with the buttons on the device.

uRemote can be used to wirelessly control the device, from anywhere in the venue within the range of your Wi-Fi reception.

2.2 Use Internal Monitor Mix (uTrack24 only)

The uTrack24 contains an internal 24x2 monitor mixer, allowing you to craft a custom stereo mix of your recording.

uRemote provides a mixer page, allowing you to control fader, pan, mute and solo settings for each channel. This is much easier and faster than adjusting the same from uTrack24's front panel.

2.3 Stage Playback

Another popular use of the uTrack 24/uTrack-X32 is to playback, multi-track pre-recorded material for stage accompaniment. uRemote presents an intuitive playback home screen allowing for easy setup of loops and to jump anywhere inside the song.

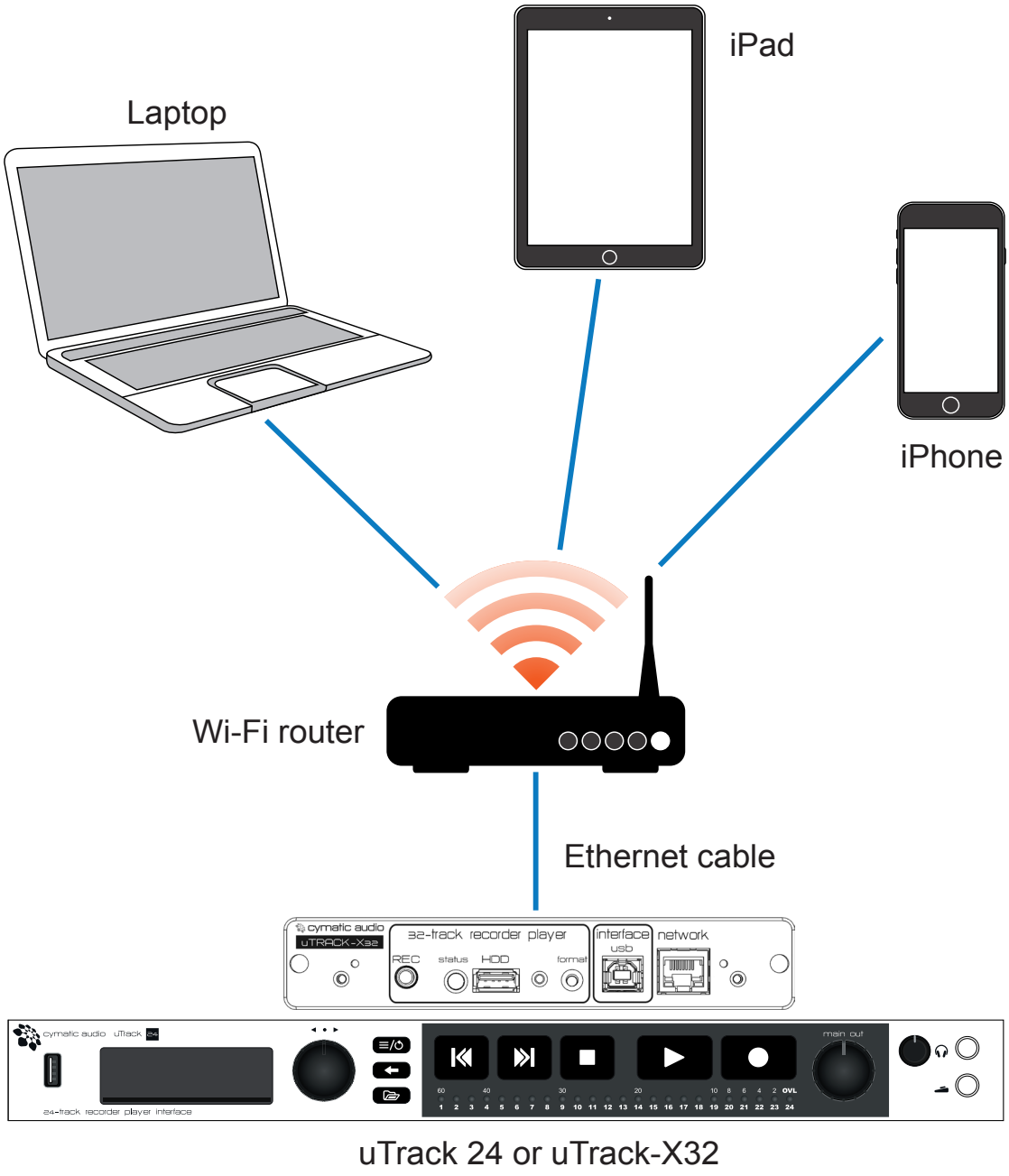
3 UREMOTE SETUP

uRemote works by placing your smartphone, tablet, or computer on the same computer network as your uTrack 24/uTrack-X32 hardware. This allows you to control your device wirelessly using the uRemote.

3.1 Network Setup

- Set up a wireless router, to create a local wireless network.
- Connect a standard RJ-45 network cable between the network port of your uTrack 24/ uTrack-X32, and one of the LAN (Local Area Network) ports of your router.
- Connect your computer, tablet, or smartphone to the network that is being provided by the router.
    - With a laptop or desktop computer, the connection to the router's network can be wired or wireless.
    - With a smartphone or tablet, the connection would be wireless.
- After the setup is done, uRemote will automatically discover your device.

3.2 Setup Diagram



uTrack 24 or uTrack-X32

3.3 Launching uRemote for the First Time

After the uRemote is launched, it will show a list of devices connected to the local network. Select the device you want to control. The uRemote software will switch to its “home page” screen and the device name is shown on the top left corner.

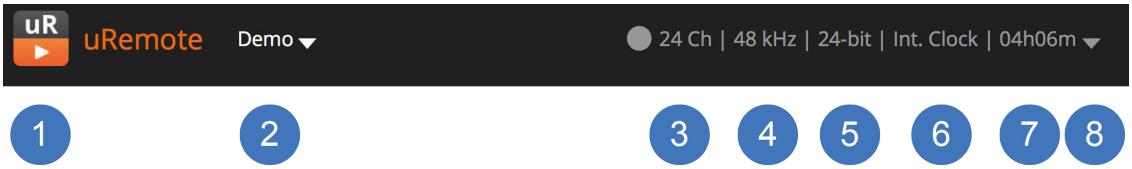
In the select device list, demo mode can be selected to get a feel for the application, even when no hardware is connected and being controlled.

4 UREMOTE USER INTERFACE

uRemote's user interface contains three main sections.

4.1 Information Strip

The information strip present on the top of the screen contains the following elements:



1. uRemote Logo

Tap this logo to be taken to the app's "about" screen.

2. Selected Device

Displays the device selected by the user to be controlled by uRemote. Tap the device name to select another device for controlling.

3. Track Count

Displays the number of recording tracks. During playback, the track count shows the number of tracks being played back.

4. Sample Rate

Displays the sample rate for the take being recorded or the song being played back.

5. Bit Depth

Displays the bit rate for the take that is currently being recorded or the song being played back.

6. Clock Source

Displays the digital clock source set in the device.

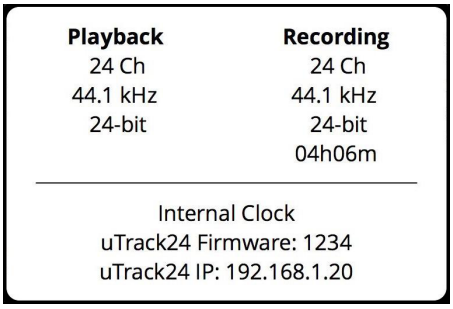
7. Available Recording Time

Displays the total amount of available record time, on the USB hard drive attached to the device.

8. Information Popup Window

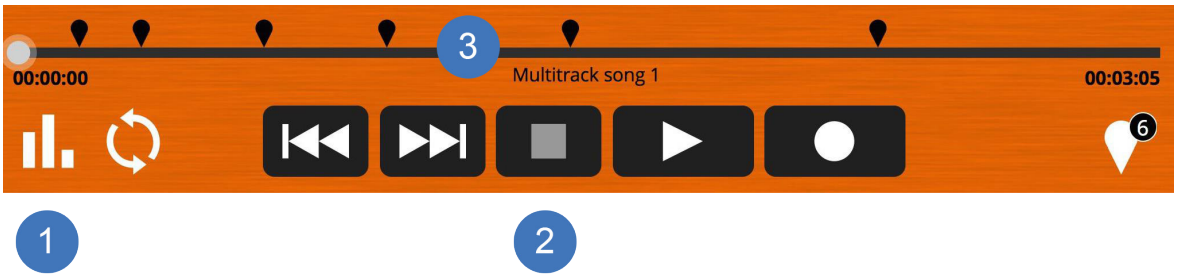
The info icon displays the recorder settings, playback parameters, clock source and IP address of your device.

Tap the "Info" triangle at the upper right corner to display the popup window, and then tap it again to hide the window when you are done.



4.2 Transport Section

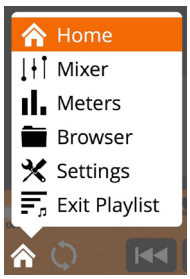
The transport section contains the following elements:



1. Screen Selector

Tap this icon to reveal a popup menu for selecting other screens:

- Home Screen
- Mixer (uTrack24 only)
- Meters (uTrack24 only)
- Browser
- Settings
- Exit Playlist Mode (uTrack24 only)



2. Transport Keys

Following transport keys are available to control the device:

- Skip Back
- Skip Forward
- Stop
- Play
- Record

3. Playback Bar

This horizontal bar represents the playback position of the song on the display. The white circle on the playback bar represents the current position of the “play head”.

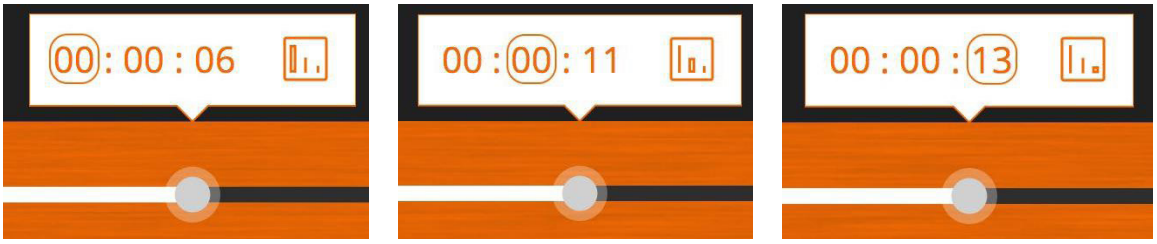
- Tap and drag the circle to any position on the playback bar you wish to play back from; as you do so a white popup window will show you the exact time position you are dragging the play head to.

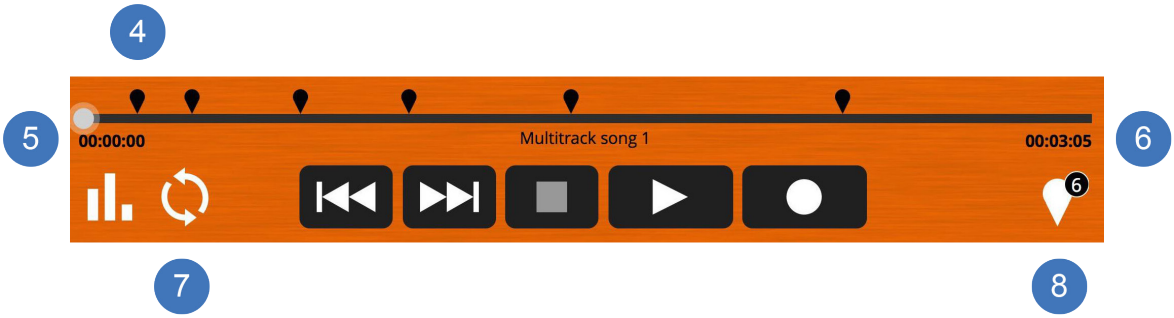
Playback Bar Popup Window

When choosing a new play head position, uRemote allows you to control the “resolution” with which you can navigate among the timeline. When the playhead is tapped, a popup bar window opens up as shown in the picture below.

Tap the square box on the right side repeatedly to toggle through four different levels of scrolling resolution:

- Normal (resolution is dependent on the length of the playing song)
- Hours
- Minutes
- Seconds





4. Marker Indicators

If any markers are present within the currently loaded song, they will be displayed along the play bar as small black “pushpin” indicators.

5. Elapsed Time Counter

When playing back a song, this counter shows how much time has elapsed since the song has begun playback.

6. Remaining Time Counter

When playing back a song, this counter shows how much time remains until the song reaches its end point.

7. Loop Button

Tap the loop button to create loop in / loop out points, then cycle playback between them. See the “Using the Transport” section for details.

8. Markers List

Tap this button to display a popup list of all markers that reside within the currently loaded song.

4.2.1 Transport Features

Stopping a Recording

uRemote is designed to prevent any accidental interruption of a recording in progress. To stop a recording following should be done:

- You must press and hold the stop button to have a “progress circle” appear in the middle of the home screen.
- Once the stop button is held long enough, an “Are you sure you want to stop recording” message appears.
  - Tap “No” to continue the recording
  - Tap “Yes” to actually stop recording

Pre-Recording

With pre-recording ON, the device is continuously storing the recording in its internal memory. When recording starts, the USB storage device shall contain recording from a few seconds before the stop button was pressed. uTrack-X32 has the settings pre-recording always ON. In uTrack24 it can be turned on in the settings menu.

Pre-Loading (only in uTrack24)

If the pre-recording option is switched off in uTrack24, the current song on display is pre-loaded.

NOTE: When playing back a playlist in uTrack24, pre-loading is always active, regardless of how the pre-recording option has been set.

Adding Markers

By pressing the Play button during a recording, a new marker is added to the take.

Using Markers

When playing back a song, tap the markers list to display a popup with a list of markers in the current song. Tap any of the markers in the list; to start playback from that marker location

Looping Playback

uRemote offers the ability to setup a loop within a song being played back.

- 1st Tap: An “In” message appears in the loop icon.
- 2nd Tap: The loop “In” point is created at the current position of the play head, and is visually indicated on the playback bar. An “Out” message appears in the loop icon.
- 3rd Tap: The loop “Out” point is created at the current position of the play head and is visually indicated on the playback bar. A “play” icon message appears in the loop icon

  At this point, the loop points can also be manually adjusted by tapping and dragging the loop point markings.
- 4th Tap: Playback begins between the two loop points. An “X” appears in the loop icon.
- 5th Tap: Loop mode is exited and the loop points are cleared.

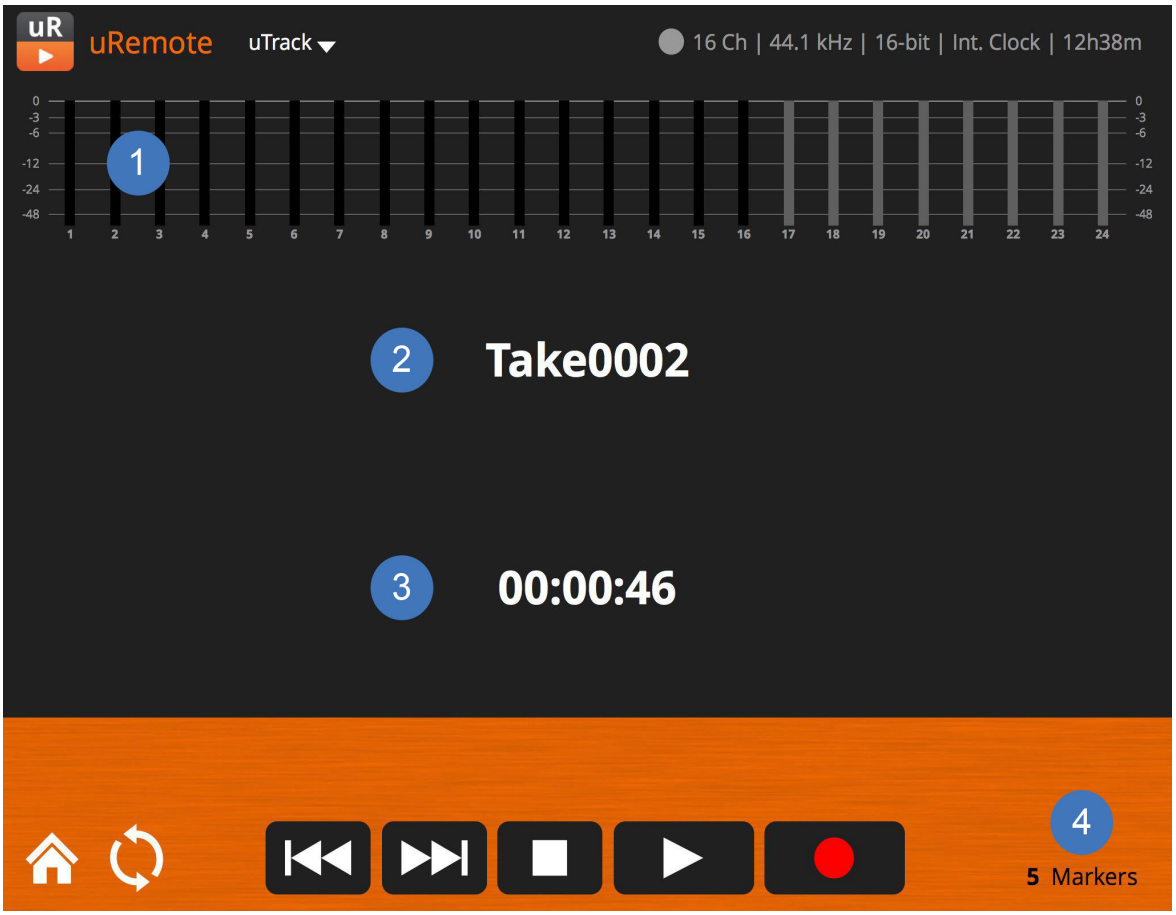
4.3 The Home Screens

The uRemote home screens are customized to display different information, depending on if the device is:

- Recording a take
- Playing back a song
- Playing back a playlist (only in uTrack24)

4.3.1 Recording Home Screen

Active when recording is in progress. It contains the following elements:



1. Level Meters (only in uTrack24)

These “mini-meters” allow you to keep an eye on the input levels of the take currently being recorded. Any inputs not active are greyed in color.

2. Take Title

Shows title of the current take being recorded.

3. Recording Time Counter

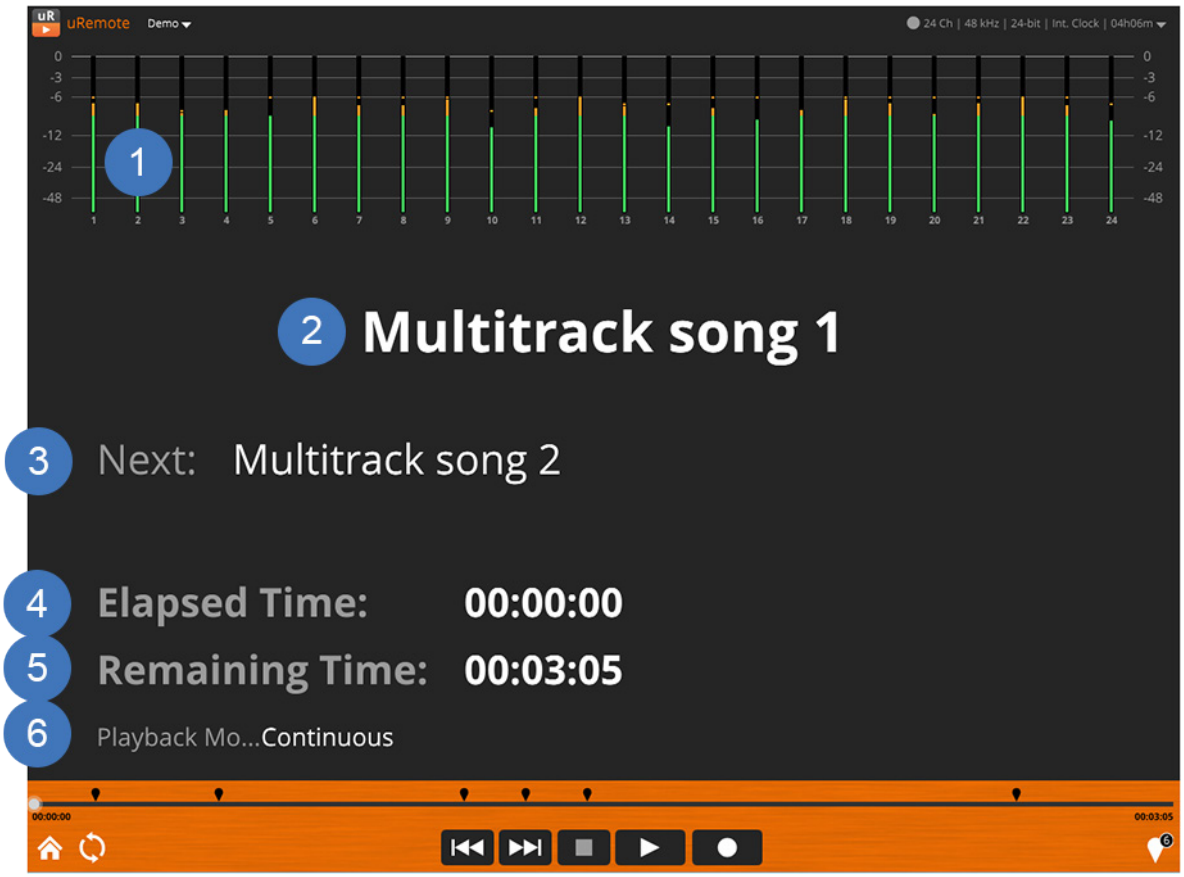
Shows the elapsed time of the current recording.

4. Markers

Shows the number of markers added for the current take.

4.3.2 Playback Home Screen

Active when Idle or Playback is ongoing. It contains the following elements:



1. Level Meters

These “mini-meters” display in a smaller size than the ones on the dedicated meters page, but still allow you to keep an eye on the input levels of the material currently playing back.

2. Song Title

Displays the title of the current song being played back.

3. Next Song

Displays the next song that resides in the file tree, on the attached USB hard drive.

4. Elapsed Time

Displays the amount of elapsed time of the song currently playing back.

5. Remaining Time

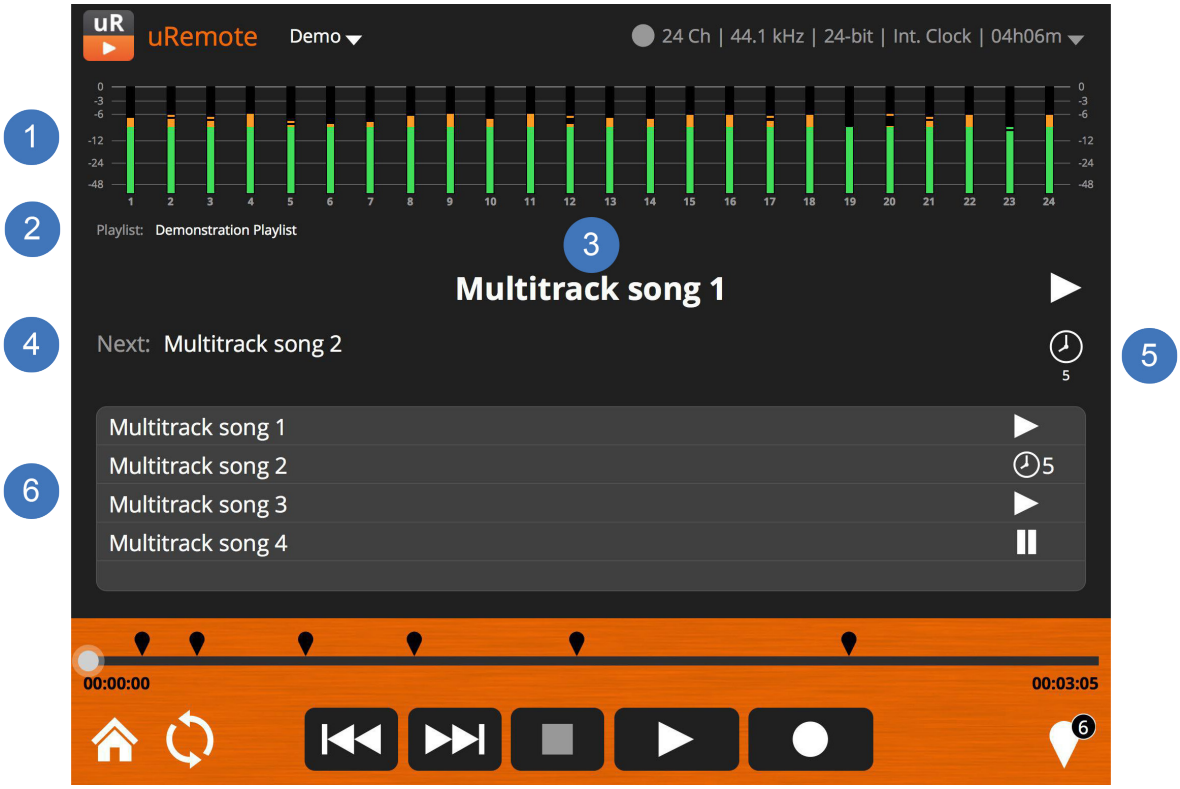
Displays the amount of remaining time in the song currently playing back.

6. Playback Mode

Displays the playback mode, as chosen in the settings menu.

4.3.3 Playlist Home Screen (uTrack24 Only)

The playlist home screen shows the list of songs at a glance and allows you to reposition the playback order on the fly. Playlists can be loaded by selecting the playlist item from the browser. The Playlist home screen contains the following elements:



1. Level Meters (only in uTrack24)

These “mini-meters” allow you to keep an eye on the output levels of the song currently playing back.

2. Playlist Name

Shows the name of the currently loaded playlist.

3. Current Song

Shows the title of the current song in the playlist.

4. Next Song

Shows the title of the next song in the playlist.

5. Next Song Playback Mode

Shows how the next song will start play back, once the current song has completed.

6. Remaining Songs List

Is the list of songs in the current playlist, listed according to their playback order.

During playback, press and hold an item in the remaining songs list; it will move up to “next song” status and vacate its current position in the list. In idle, doing the same will set the selected song as the current song.

Playback safety in Playlist

uRemote prevents accidental interruption of playback in playlist but , playback loop and jumping to a playback location are disabled. In addition, stopping the playback requires a “long press” of the stop button.

Exiting The Playlist Home Screen

Tap the the screen selector in the lower left corner of the screen and chose “exit playlist”.

4.4 Mixer (uTrack24 Only)

The mixer screen gives you quick and easy control of the uTrack 24’s internal, 24–channel stereo digital mixer.

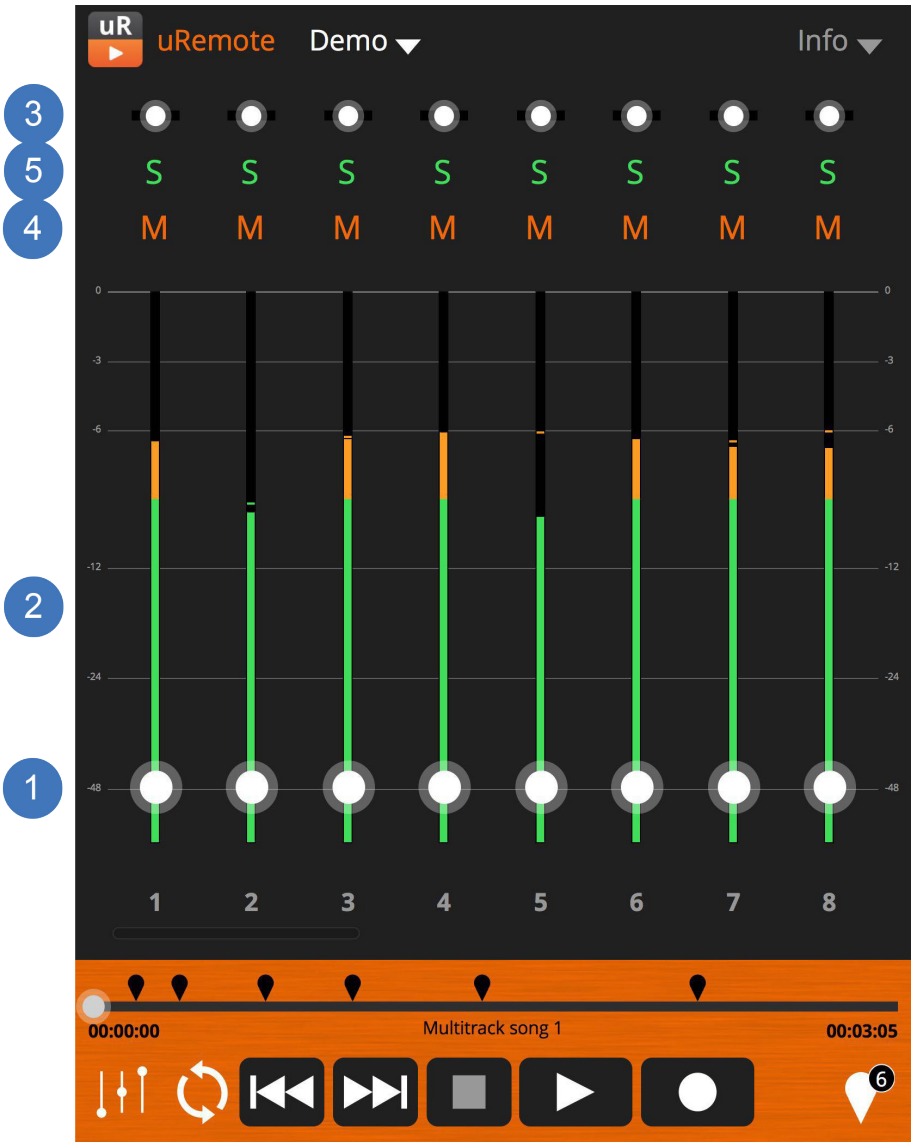
Switching Between Mixer Channels

For usability purposes, the mixer’s channels are presented as “banks” of a few channels at a time.

- To scroll to the next/previous bank of mixer channels, swipe left/right using a single-finger swipe.
  On the desktop version of uRemote, use the left/right arrow keys to switch channel banks.
- To scroll to the next/previous channels one at a time, swipe left/right using two-finger swipe.
  On the desktop version of uRemote, use the command (OS X) or Control (Windows) + left/right arrow keys to scroll channels one at a time.

NOTE: When there is not enough vertical space on the screen, tapping on the fader opens up a popup fader for that channel as shown in the picture below. When finished with changing the fader value, tap any area outside the fader to return to the mixer page.

Each individual mixer channel contains the following controls:



1. Level Fader

Drag the white circular button for each channel to adjust the fader level for the monitor mixer. Double tap the button to return it to its default position.

2. Level Meter

Each channel has a level meter, for the signal on that channel.

3. Pan Control

Drag the pan control left or right to adjust the channel's stereo panning position for the monitor mixer.

4. Mute

Press the "M" button to toggle the channel's mute function on/off for the monitor mixer.

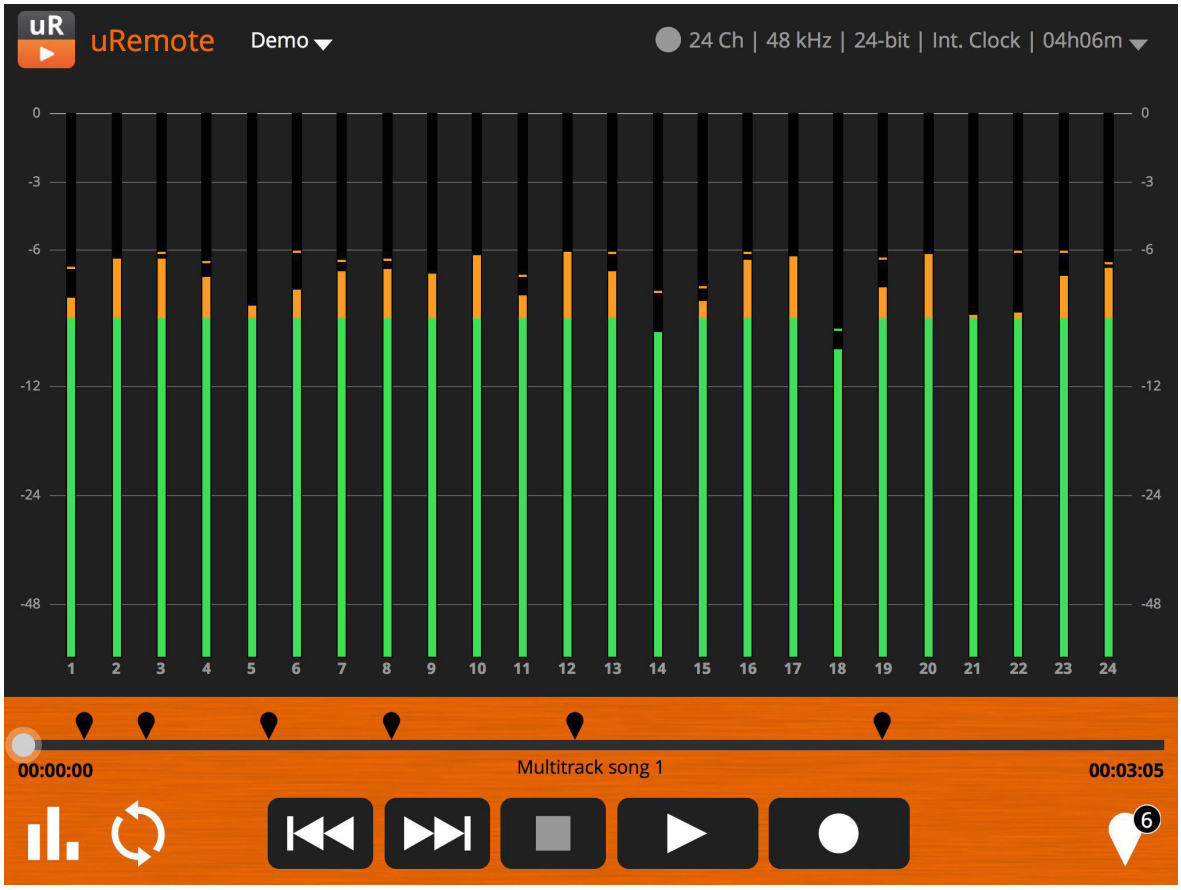
5. Solo

Press the "S" button to toggle the channel's solo function on/off for the monitor mixer.

4.5 Meters (uTrack24 Only)

The meters screen displays a large bank of level meters, showing input levels when recording, and output levels when playing back.

Each of the 24 meters shows the same expanded, 24-segment resolution that the uTrack 24 offers in its “channel focus” mode.



Peak Display

The peak indicator lights up when the signal reaches -0.25dB.

Resetting a Peak

Click on any peak display to reset all channel’s peak indicators.

Automatic Peak Reset

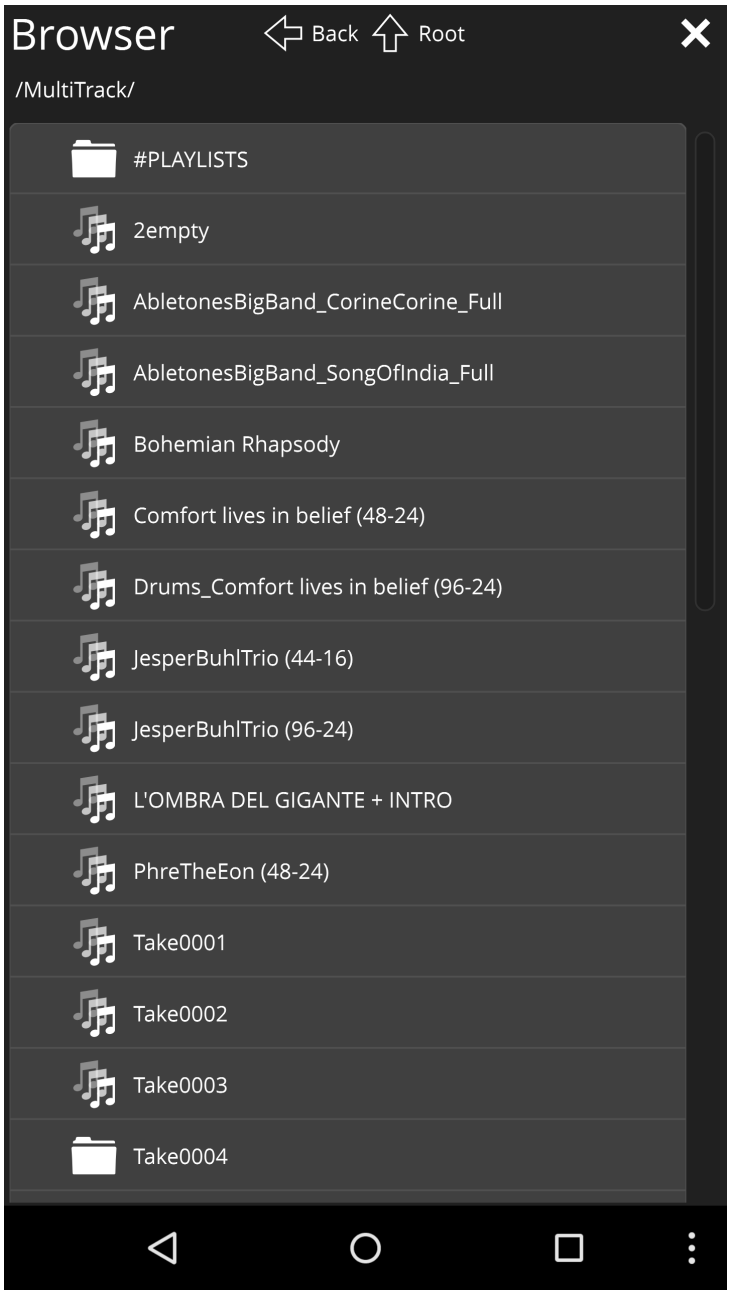
The peak indicators reset automatically when:

- The current song finishes, or transport stops
- The uTrack 24 switches between recording and playback mode

4.6 Browser

The browser screen allows you to select and load a song file for playback. In uTrack24 playlists can also be loaded from the browser panel.

It contains the following elements:



Content List

This list displays the contents of a specific folder within the hard drive attached to the device. When started, the browser shows the root directory of the attached hard drive.

- Tapping any folders in the content list takes you into the folder. The display is updated with the contents of the new folder.
- Tap a title to load the song into the home screen. The browser is automatically closed and the selection can be seen on the home screen.
- Tap the “back” button to go back one level in the folder tree.
- Tap the “X” in the upper left corner to close the browser and return to the previous screen you were on.

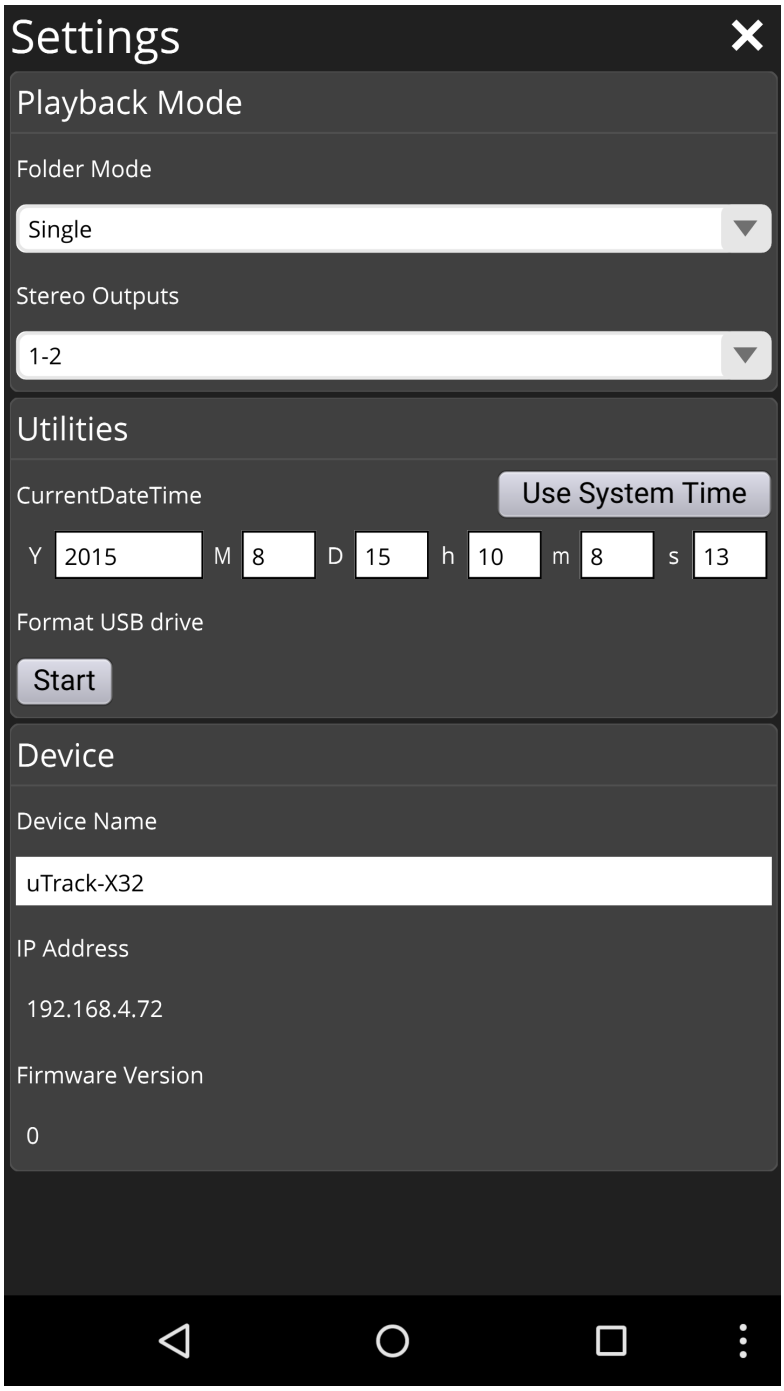
NOTE: Browser is disabled in uTrack-X32 when playback is ongoing.

4.7 Settings

The settings screen allows you to adjust the various settings for the device being controlled.

- To adjust a specific setting, tap the parameter of the setting you wish to adjust; for most items a drop down menu will appear with all of the parameter choices.
- The currently selected choice is marked with a check; tap a different choice to select it instead.
- Press the “close” (X) icon in the upper right corner; to return to the previous screen.

4.7.1 Settings for uTrack-X32



Folder Mode

The home screen in idle mode contains all the songs of one folder. The songs can be scrolled using Skip Back and Skip Forward buttons. The Folder Mode option decides how the song inside a folder shall be played back in the home screen.

Following options are available

- **Single**: Only one song is played back.
- **Continuous**: All songs inside the folder are played back until the end.
- **Repeat One**: A single song is played back repeatedly..
- **Repeat All**: Similar to continuous playback, but once the folder end is reached, playback starts from the beginning of the folder again.
- **Shuffle**: Songs inside the folder are played back in random order.

Stereo Outputs

When playing back a stereo audio file, the uTrack-X32 allows you to select which channels the stereo audio will be sent to. Output pair choices include 1-2, 3-4 …,31-32.

Current Date/Time

This setting allows you to set the date and time on the uTrack-X32, it will then use this to set a time-stamp for the recorded takes.

Disk Format

The disk format command will format (erase) any USB drive that is connected to the uTrack-X32's HDD port.

It is **highly** recommended that you format any USB drives that you plan to use with the uTrack-X32, using this option.

NOTE: Formatting a USB drive will ERASE all data on the drive.

Device Name

Displays and allows to edit the name assigned to your particular uTrack-X32.

IP Address

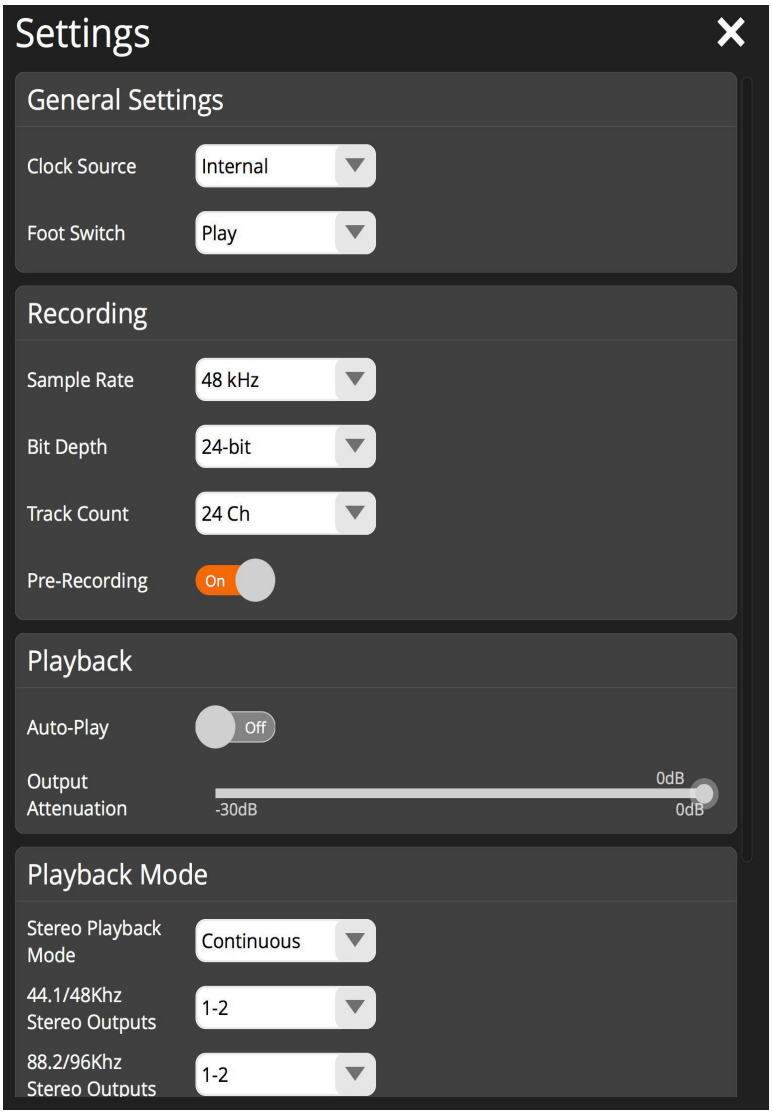
Displays the IP address that has been assigned to the uTrack-X32 when it has been connected to a local area network

Firmware Version

Displays the version number of the firmware loaded into the uTrack-X32.

4.7.2 Settings for uTrack24

Please refer to the latest uTrack 24 documentation for detailed information on the different settings available.



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uRemote

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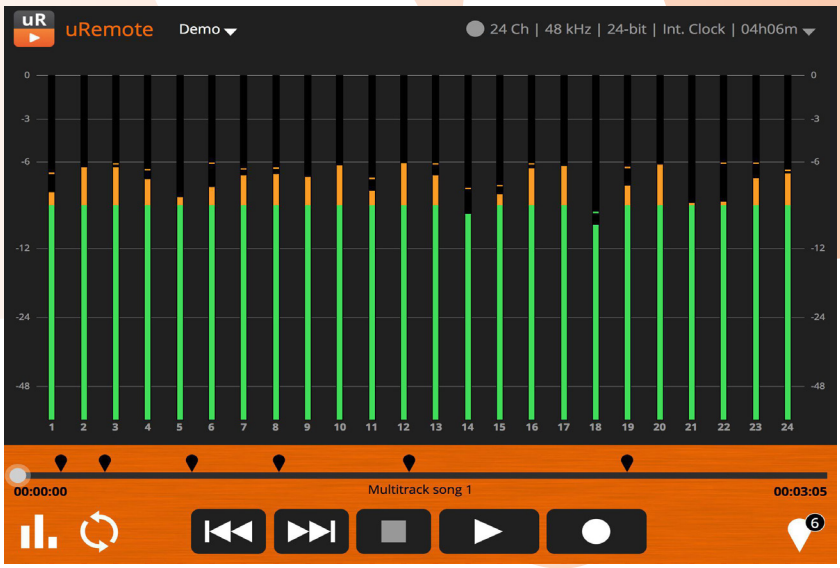

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